



# MAD SCIENCE® Enrichment Program

## COURSE REGISTRATION FORM



Winter 2019

**Sparking  
Imaginative  
Learning**



### Ocean Avenue School

is proud to present

**MAD SCIENCE of LONG ISLAND** After  
School Enrichment Programs

**Tuesdays at 2:25 PM**

**K - 5**

**Jan 22, 29 Feb 5, 12, 26 Mar 5**

**6 weeks... \$120**

(Includes all materials & take-homes)

Space is limited to 20 children, and it will be assigned  
on a first come first served basis. **No Refunds**

**www.MadScienceLi.org**



#### **Magnetic Magic**

Investigate the power and daily uses of magnets. Learn about polarity, visualize magnetic fields, and learn how to magnetize ordinary metals. Find out how a compass works, and test a powerful electromagnet. Bring home the cool "Mad Science Magnet Lab".

#### **Lights...Color... Action!**

See all the colors in white light by using Newton's color theory concepts with a color wheel and prism-splitting spectrums. Use spectroscopes, ultraviolet light and witness the wonders of chromatography! Build your own "Mad Science Technicolor Blender".

#### **Optical Illusions**

Build your own "Mad Science Periscope" while learning about optics, reflection and sight. Trick your brain through your eyes, and learn the physics behind optical illusions! Seeing is not always believing...as this fast paced and very entertaining workshop demonstrates.

#### **Sonic Sounds**

Discover sound, sound waves, and use ordinary objects to create a sound symphony! Use our multi-effects processor to alter your voice, resulting in lots of cool special effects. Electronic distortions link shifting frequencies to voice alterations, and bring home your very own "Mad Science Sonic Horn".

#### **Watts-Up!**

Discover the world of static electricity! Learn about the phenomenon of lightning, how it works, and how to avoid meeting with it up close! Experiment with static electric charges, indoor lightning, and observe how the Van de Graff generator allows for a hair-raising experience. Make your own "Mad Science Static Stick".

#### **Harnessing Heat**

Learn how both heat and temperature are affected by molecular movement. Use thermometers and watch demonstrations with thawing blocks and a heat gun. Heat-induced experiments show the relativity of temperature. Explore materials that transfer heat at different rates and take home a "Mad Science Heat Sheet"

#### **Mission Nutrition**

Learn about nutrition and fitness while focusing on a healthy diet and lifestyle.

#### **Tantalizing Taste**

Learn how taste and smell are interrelated. Find out who are supertasters! Be treated to a demonstration of how your favorite sodas are carbonated.

**Workshop topics as well as the order in which they are presented may be subject to change**

Item # IASPF7

**Registration: Please fill out the form below and submit to the Ocean Ave Main Office in envelope with cash or check (payable to Ocean Ave PTA) attached.**

- **Student Name** \_\_\_\_\_
- **Student Grade and Age** \_\_\_\_\_
- **Student's Teacher** \_\_\_\_\_
- **Parent Name:** \_\_\_\_\_
- **Parent Phone #:** \_\_\_\_\_

For more information about each individual workshop and its associated take-homes, please visit the After-School Program section of our website.



[www.Facebook.com/MadScienceLi](http://www.Facebook.com/MadScienceLi)

**Birthday Parties – Summer Camps – Assemblies – In-Class Workshops – Scout Programs**

